

## APPENDIX F

# ACTIONS, CONDITIONS, AND STANDARDS

*This appendix contains the actions, conditions, and standards extracted from the Basic Rifle Marksmanship (BRM) Program of Instruction (POI) prepared by the Advanced Infantry Marksmanship Committee, C Company 2/29th IN Regt of Fort Benning, GA.*

### F-1. INTRODUCTION TO BASIC RIFLE MARKSMANSHIP

- ACTION:** Perform a function check on an M16-/M4-series weapon.  
**CONDITIONS:** Given an M16-/M4-series weapon.  
**STANDARDS:** Perform a function check to ensure that the rifle operates properly when the selector lever is placed in each position.
- ACTION:** Load and unload an M16/M4 magazine.  
**CONDITIONS:** Given a 30-round magazine and five rounds of dummy ammunition.  
**STANDARDS:** load and unload the magazine properly.
- ACTION:** Load an M16-/M4-series weapon.  
**CONDITIONS:** Given an M16-/M4-series weapon with a magazine loaded with ammunition.  
**STANDARDS:** Load the weapon in such a manner that proper chambering of a round is accomplished.
- ACTION:** Unload an M16-/M4-series weapon.  
**CONDITIONS:** Given a loaded M16-/M4-series weapon.  
**STANDARDS:** Clear the rifle in such a manner that no ammunition remains in the rifle, and the rifle is on safe.
- ACTION:** Correct malfunction of an M16-/M4-series weapon.  
**CONDITIONS:** Given an M16-/M4-series weapon that has a malfunction.  
**STANDARDS:** Eliminate the malfunction using immediate action procedures in such a manner that firing is resumed within three to five seconds.

### F-2. GROUPING

- ACTION:** Conduct shot grouping exercise (live fire).  
**CONDITIONS:** Day; on a 25-meter firing range; given a 300-meter M16/M4 zero target placed on an E-silhouette, M16-/M4-series weapon, and 27 rounds of ammunition; while wearing helmet and LCE.  
**STANDARDS:** From the supported firing position, fire up to 27 rounds in 3-round shot-groups and achieve two consecutive 3-round shot-groups within the same 4-centimeter circle using the plastic target box paddle template (DVC-T7-86).

### **F-3. ZERO THE M16/M4 SERIES WEAPONS**

**ACTION:** Conduct 25-meter zeroing.

**CONDITIONS:** On a 25-meter range, given an M16-/M4-series weapon, from the supported firing position; 18 rounds of 5.56-mm ammunition, 300-meter M16/M4 zero target placed on a standard E-type silhouette; sandbags for support; with helmet and LCE.

**STANDARDS:** Each soldier must adjust the sights so five out of six rounds fired in two consecutive shot-groups strike within the 4-centimeter circle on the 25-meter zero targets.

### **F-4. KNOWN-DISTANCE RANGE**

**ACTION:** Engage single targets with the M16-/M4-series weapon.

**CONDITIONS:** Day, given an M16-/M4-series weapon, with helmet and LCE, on a known-distance or modified field fire range. Engage F- and E-type silhouette targets at 75 meters (100 yards) with five rounds from the unsupported and five rounds from the supported firing positions. Engage the 175-meter (200-yard) target with ten rounds from the unsupported and ten rounds from the supported firing position. Engage the 300-meter (300-yard) target with five rounds from the unsupported and five rounds from the supported firing positions.

**STANDARDS:** Demonstrate consistent application of the four fundamentals in the integrated act of shooting. Obtain eight hits out of ten shots on the 75-meter (100-yards) target; fourteen hits out of twenty shots on the 175-meter (200-yard) target; and five hits out of ten shots on the 300-meter (300-yard) target.

### **F-5. FIELD FIRE I (SINGLE TIMED TARGETS AND TARGET DETECTION)**

**ACTION:** Detect and engage single timed targets with the M16-/M4-series weapon.

**CONDITIONS:** Day, given an M16-/M4-series weapon, helmet, and LCE on a field fire range with timed single target exposures presented at 75, 175, and 300 meters; given 18 rounds of 5.56-mm ammunition for an introduction to field fire; and 36 rounds of ammunition and a requirement to engage all targets within the time exposure.

**STANDARDS:** Detect and achieve a total of 22 target hits out of 36 timed target exposures.

### **F-6. FIELD FIRE II (SINGLE AND MULTIPLE TIMED TARGETS).**

**ACTION:** Detect and engage single and multiple timed targets with the M16-/M4-series weapon.

**CONDITIONS:** Day, given an M16-/M4-series weapon, helmet, and LCE on a field fire range with single and multiple timed target exposures presented at

75, 175, and 300 meters; given 10 rounds of 5.56-mm ammunition for an introduction to field fire II, and 44 rounds of ammunition and a requirement to engage all targets within the time exposure.

**STANDARDS:** Detect and achieve 27 target hits out of the 44 timed target exposures.

#### **F-7. PRACTICE RECORD FIRE**

**ACTION:** Detect and engage timed targets with the M16-/M4-series weapon.

**CONDITIONS:** Day, given an M16-/M4-series weapon on a record fire range, 40 timed target exposures at ranges from 50 to 300 meters, and 40 rounds of ammunition. Engage 20 targets with coaching allowed from the supported firing position and 20 targets from the unsupported firing position while wearing a helmet and LBE.

**STANDARDS:** With assistance from a coach, the soldier detects and engages targets with the M16-/M4-series weapon, and achieves a minimum of 23 target hits out of 40 target exposures.

#### **F-8. RECORD FIRE**

**ACTION:** Detect and engage timed targets with the M16-/M4-series weapon.

**CONDITIONS:** Day, given an M16-/M4-series weapon on a record fire range, 40 timed target exposures at ranges from 50 to 300 meters, and 40 rounds of ammunition. Engage 20 targets from the supported firing position and 20 targets from the unsupported firing position while wearing a helmet and LCE.

**STANDARDS:** Without assistance, the soldier detects and engages targets with the M16-/M4-series weapon, and achieves a minimum of 23 target hits out of 40 target exposures.

#### **F-9. ZERO THE M68, CLOSE COMBAT OPTIC (CCO) ON AN M16-/M4-SERIES WEAPON**

**ACTION:** Conduct 25-meter zeroing with the M68 close combat optic (CCO).

**CONDITIONS:** On a 25-meter range, given an M16-/M4-series weapon, CCO, from the supported position; 18 rounds of 5.56-mm ammunition, 300-meter M16/M4 zero target placed on a standard E-type silhouette; sandbags for support; and helmet and LCE.

**STANDARDS:** Each soldier must adjust the CCO so five out of six rounds fired in two consecutive shot-groups strike within the 4-centimeter circle on the 25-meter zero targets.

#### **F-10. PRACTICE RECORD FIRE WITH THE M68 CCO**

**ACTION:** Detect and engage timed targets with the M16-/M4-series weapon and CCO.

- CONDITIONS:** Day, given an M16-/M4-series weapon with CCO mounted, on a record fire range, 40 timed target exposures at ranges from 50 to 300 meters, and 40 rounds of ammunition. Engage 20 targets with coaching allowed from the supported firing position and 20 targets from the unsupported firing position while wearing a helmet and LBE.
- STANDARDS:** With assistance from a coach, the soldier detects and engages targets with the M16-/M4-series weapon with CCO mounted, and achieves a minimum of 23 target hits out of 40 target exposures.

#### **F-11. RECORD FIRE WITH THE M68 CCO**

- ACTION:** Detect and engage timed targets with the M16-/M4-series weapon and CCO.
- CONDITIONS:** Day, given an M16-/M4-series weapon with CCO mounted, on a record fire range, 40 timed target exposures at ranges from 50 to 300 meters, and 40 rounds of ammunition. Engage 20 targets from the supported firing position and 20 targets from the unsupported firing position while wearing a helmet and LCE.
- STANDARDS:** Without assistance, the soldier detects and engages targets with the M16-/M4-series weapon with CCO mounted, and achieves a minimum of 23 target hits out of 40 target exposures.

#### **F-12. ZERO THE AN/PAS-13 (TWS) ON AN M16-/M4-SERIES WEAPON**

- ACTION:** Conduct 25-meter zeroing with the AN/PAS-13.
- CONDITIONS:** On a 25-meter range, given an M16-/M4-series weapon, TWS, from the supported position; 36 rounds of 5.56-mm ammunition, two thermally prepared 300-meter M16/M4 zero targets placed on a standard E-silhouette with thermal blankets; sandbags for support with helmet and LCE.
- STANDARDS:** Zero the TWS to the weapon in 18 rounds or less in the wide field of view, and zero the TWS in 18 rounds or less in the narrow field of view. Each soldier must adjust the TWS reticles so five out of six rounds fired in two consecutive shot-groups strike within the 4-centimeter impact zone marked on the 25-meter zero targets.

#### **F-13. PRACTICE RECORD FIRE WITH THE AN/PAS-13 (TWS)**

- ACTION:** Detect and engage timed targets with the M16-/M4-series weapon and TWS.
- CONDITIONS:** A record fire range day or night, given an M16-/M4-series weapon, a TWS in either wide or narrow field of view, 40 timed target exposures at ranges from 50 to 300 meters, and 40 rounds of 5.56-mm ball ammunition. (Night firing is preferred.)
- STANDARDS:** Achieve at least 28 target hits out of 40 timed target exposures.

**F-14. RECORD FIRE WITH THE AN/PAS-13 (TWS) (3 HOURS)**

- ACTION:** Detect and engage timed targets with the M16-/M4-series weapon and TWS.
- CONDITIONS:** A record fire range day or night, given an M16-/M4-series weapon, a TWS in either wide or narrow field of view, 40 timed target exposures at ranges from 50 to 300 meters, and 40 rounds of 5.56-mm ball ammunition. (Night firing is preferred.)
- STANDARDS:** Achieve at least 23 target hits out of 40 timed target exposures.

**F-15. ZERO AN M16-/M4-SERIES WEAPON WITH AN IR AIMING LASER**

- ACTION:** Conduct 25-meter zeroing with IR aiming laser.
- CONDITIONS:** On a 25-meter range, given an M16-/M4-series weapon, IR aiming laser, night vision goggle from the supported position; 18 rounds of 5.56-mm ammunition, an IR prepared 300-meter M16/M4 zero target placed on a standard E-silhouette; sandbags for support with helmet and LCE.
- STANDARDS:** Each soldier must adjust the IR aiming laser so five out of six rounds fired in two consecutive shot-groups strike within the 4-centimeter impact zone marked on the 25-meter zero target with less than 18 rounds.

**F-16. BORE SIGHT AN M16-/M4-SERIES WEAPON WITH AN IR AIMING LASER WITH A BORELIGHT**

- ACTION:** Conduct boresighting with IR aiming laser at ten meters.
- CONDITIONS:** At 10 meters, given an M16-/M4-series weapon, IR aiming laser, borelight, night vision goggle, the proper 10-meter boresight offset for the weapon, laser, rail grabber and mounting location configuration, a stable platform for the weapon and offset.
- STANDARDS:** Each soldier must adjust the IR aiming laser so the aiming laser is centered on the crosshair and the borelight laser is centered on the circle.

**F-17. FIELD FIRE II SCENARIO WITH AN IR AIMING LASER**

- ACTION:** Detect and engage multiple timed targets with the M16-/M4-series weapon and aiming laser while viewing through night vision goggles and applying scanning, walking, and IR discipline.
- CONDITIONS:** Given an M16-/M4-series weapon, IR aiming laser, NVGs, borelight, field fire range at night, 36 timed target exposures at ranges from 50 to 250 meters, 36 rounds of 5.56-mm ammunition, and a coach enforcing scanning, walking, and IR discipline.
- STANDARDS:** While viewing through night vision goggles the soldier must scan his sector, acquire all exposed targets, activate and walk the aiming laser

of the IR aiming laser from the base of the target up to center mass, apply the four fundamentals, engage the target while ensuring the aiming laser is only activated at the base of the target and shut off as soon as the target is engaged.

#### **F-18. PRACTICE RECORD FIRE WITH AN IR AIMING LASER**

- ACTION:** Detect and engage multiple timed targets with the M16-/M4-series weapon and aiming laser while viewing through night vision goggles and applying scanning, walking, and IR discipline.
- CONDITIONS:** Given an M16-/M4-series weapon, aiming laser, NVGs, borelight, record fire range at night, 40 timed target exposures at ranges from 50 to 250 meters, 40 rounds of 5.56-mm ammunition, and a coach enforcing scanning, walking, and IR discipline.
- STANDARDS:** Achieve at least 17 target hits out of 40 timed target exposures.

#### **F-19. RECORD FIRE WITH AN IR AIMING LASER**

- ACTION:** Detect and engage multiple timed targets with the M16-/M4-series weapon and aiming laser while viewing through night vision goggles and applying scanning, walking, and IR discipline.
- CONDITIONS:** Given an M16-/M4-series weapon, aiming laser, NVGs, borelight, record fire range at night, 40 timed target exposures at ranges from 50 to 250 meters, 40 rounds of 5.56-mm ammunition, and a coach enforcing scanning, walking, and IR discipline.
- STANDARDS:** Achieve at least 17 target hits out of 40 timed target exposures.